

ABSTRACT

A signal transmission/reception device of an air conditioner is provided with a plurality of control groups (8A, 8B, ...). The control groups (8A, 8B, ...) are each composed so that an outdoor control unit (5) and an indoor control unit (6) are connected to each other through a group communication path (7) so as to be capable of signal transmission and reception therebetween. The outdoor control units (5,5,...) are connected to each other through a centralized communication path (10) so as to be capable of signal transmission and reception among them. The respective group communication paths (7) are connected at the respective outdoor control units (5,5,...) to the centralized communication path (10) thereby forming a single signal transmission/reception network (NW). Further, the signal transmission/reception network (NW) is connected to a centralized controller (9) for subjecting the outdoor units (3,3,...) and the indoor units (4,4,...) to centralized control. In addition, relays (28a, 28b) are provided for bringing the group communication path (7) and the centralized communication path (10) into conduction and interruption therebetween.